INDEX TO VOLUME 25

* Starred items are "Shorter Notes"

Accola, Robert D. M. *Two theorems on Riemann surfaces with noncyclic automorphism groups*, 598.

Allegretto, W. *A generalization of Sturm's separation theorem*, 151.

Andersen, Tage Bai. *On multipliers and order-bounded operators in C*-algebras*, 896.

Anderson, R. D. and McCharen, John D. *On extending homeomorphisms to Fréchet manifolds*, 283.

Andrews, George E. *On a transformation of bilateral series with applications*, 554.

* Arkowitz, Martin. *Associative, abelian H-spaces have trivial Postnikov invariants*, 460.

Armacost, D. L. *Well-known* LCA *groups characterized by their closed subgroups*, 625.

Asimow, Leonard. *Decomposable compact convex sets and peak sets for function spaces*, 75.

Atalla, Robert E. *An example in the Weil theory of measurable groups*, 816.

Baker, J. M. *Weak sequential completeness in spaces of operators*, 193.

Ballantine, C. S. *Stabilization by a diagonal matrix*, 728.

Bank, Steven. *On the growth of certain meromorphic solutions of arbitrary second order algebraic differential equations*, 791.

Beauregard, R. A. and Johnson, R. E. *Primary factorization in a weak Bezout domain*, 662.

Bernfeld, Stephen R. *Liapunov functions and global existence without uniqueness*, 571.

Bernstein, Leon. *An explicit summation formula and its application*, 323.

Bhattacharya, P. B. and Jain, S. K. *Rings having solvable adjoint groups*, 563.

Biles, Charles M. *Wallman-type compactifications*, 363.

* Bilyeu, Russell G. *Metric definition of the linear structure*, 205.

Blumenthal, Robert George. *The spectrum of a function algebra*, 343.

Bogart, Kenneth P. *Small regular local Noether lattices*. I, 423.

Bredon, Glen E. *Another exotic action on* E^n, 437.

Brenner, J. L. and Brown, W. G. *On a hierarchy of generalized diagonal dominance properties for complex matrices*, 906.

Brillhart, John and Carlitz, L. *Note on the Shapiro polynomials*, 114.

* Brown, Arlen. *A remark on set theory*, 920.

Brown, H. I. and Stratton, H. H. *Conullity of operators on some FK-spaces*, 717.

Brown, J. W. and Goldberg, J. L. *Index-dependent parameters of Laguerre and related polynomial sets*, 852.

Brown, Leon. *Subalgebras of* L_∞ *of the circle group*, 585.

Brown, W. G. See Brenner, J. L.

Buchman, E. O. *Property* P_3 *and the union of two convex sets*, 642.

Bunce, John. *Characters on singly generated C*-algebras*, 297.

Buschman, R. G. *Identities involving products of number-theoretic functions*, 307.

Bustoz, Joaquin. *On regular matrices that induce the Gibbs phenomenon*, 481.

Cannon, J. W. and Wayment, S. G. *An imbedding problem*, 566.

Carlitz, L. See Brillhart, John.

Carlson, B. C. *Inequalities for a symmetric elliptic integral*, 698.

Caveny, D. J. and Novinger, W. P. *Boundary zeros of functions with derivative in* H^p, 776.

Chatfield, J. A. See Davis, W. P.
Cherkas, Barry M. *Compactness in L_∞ spaces*, 347.
Coleman, D. B. and Passman, D. S. *Units in modular group rings*, 510.
Comfort, W. W. *Closed Baire sets are (sometimes) zero-sets*, 870.
Coury, John E. *On the measure of zero sets of coordinate functions*, 16.
Darst, Richard and Pollard, Harry. *An inequality for the Riemann-Stieltjes integral*, 912.
Darst, Richard B. *On the 1-1 sum of two Borel sets*, 914.
Davis, Robert. *Free coalgebras in a category of rings*, 155.
———. *Errata to "Free coalgebras in a category of rings,"* 922.
Davis, W. P. and Chatfield, J. A. *Concerning product integrals and exponentials*, 743.
Davitt, Richard M. *The automorphism group of a finite metacyclic p-group*, 876.
Deddens, James A. *Commuting unilateral shifts*, 96.
DeMeyer, Frank, *Groups with an irreducible character of large degree are solvable*, 615.
Dikshit, H. P. *A Tauberian theorem for the $(C, 1)(N, 1/(n+1))$ summability method*, 391.
Ditzian, Z. *Note on Hille's exponential formula*, 351.
Djoković, D. Ž. *Note on nonnegative matrices*, 80.
Dotson, W. G., Jr. *On the solution of linear functional equations by averaging iteration*, 504.
Drobot, Vladimir. *Overconvergence and $(C, 1)$ summability*, 13.
Duncan, R. L. *On the factorization of integers*, 191.
Eklof, P. C. *On the existence of $L_{\infty\omega}$-indiscernibles*, 798.
Eldridge, Klaus E. *Correction to: On ring structures determined by groups*, 202.
Erdös, P. and Stone, A. H. *On the sum of two Borel sets*, 304.
Etter, Daniel O., Jr. *The algebra of log-summable functions*, 1.
Evyatar, A. and Zaks, A. *Rings of polynomials*, 559.
Fein, Burton. *A note on the Brauer-Speiser theorem*, 620.
Fink, J. P. *Complete continuity of the inverse of a positive symmetric operator*, 147.
FitzGerald, Carl H. *Analyticity and continuation of certain functions of two complex variables*, 536.
Fletcher, P., McCoy, R. A. and Slover, R. *On boundedly metacompact and boundedly paracompact spaces*, 335.
French, James Austin. *A characterization of covering dimension for collectionwise normal spaces*, 646.
* Garabedian, P. R. *An unsolvable equation*, 207.
Gelbaum, Bernard R. *Tensor products of Banach algebras*. II, 470.
George, J. H. and Sutton, W. G. *Application of Liapunov theory to boundary value problems*, 666.
Gilfeather, Frank. *The structure and asymptotic behavior of polynomially compact operators*, 127.
Gillam, J. D. *A note on finite metabelian p-groups*, 189.
Goldberg, J. L. See Brown, J. W.
Goldman, Lawrence. *Algebraic structure of the manifold of solutions of the N-body problem*, 417.
Goldstein, Myron. *The converse of Cauchy's theorem for arbitrary Riemann surfaces*, 177.
Gowrisankaran, Chandra. *Radon measures on groups*, 381.
Gregory, D. A. and Shapiro, J. H. *Nonconvex linear topologies with the Hahn Banach extension property*, 902.

Gross, Jonathan L. *An infinite class of irreducible homology 3-spheres*, 173.
Gudder, S. P. and Schelp, R. H. *Coordinatization of orthocomplemented and orthomodular posets*, 229.
Gustafson, G. B. *The nonequivalence of oscillation and nondisconjugacy*, 254.
* Gustafson, Karl. *The Toeplitz-Hausdorff theorem for linear operators*, 203.
Hadlock, E. H. and Moore, T. O. *A new definition of a reduced form*, 105.
Haeuslein, G. K. *On the algebraic independence of symmetric functions*, 179
Hag, Kari. *A theorem on T-fractions corresponding to a rational function*, 247.
Hanson, T. H. McH. *Some semigroups on a manifold with boundary*, 830.
Hare, W. R., Jr. and Kenelly, John W. *Sets expressible as unions of two convex sets*, 379.
Harvey, Charles and Harvey, F. Reese. *Open mappings and the lack of fully completeness of* $\mathfrak{D}'(\Omega)$, 786.
Harvey, F. Reese. See Harvey, Charles.
Headley, V. B. *Some oscillation properties of selfadjoint elliptic equations*, 824.
Heil, Wolfgang. *On the existence of incompressible surfaces in certain 3-manifolds*. II, 429.
Heinicke, A. G. *Subdirect sums, hereditary radicals, and structure spaces*, 29.
Helton, Burrell W. *Solutions of* $f(x)=f(a)+(RL)\int_a^x(fH+fG)$ *for rings*, 735.
Henry, M. S. and Stein, F. M. *An approximate solution of the Riccati matrix equation*, 8.
Hethcote, Herbert W. *Bounds for zeros of some special functions*, 72.
Hill, E. T. *The annihilator of radical powers in the modular group ring of a p-group*, 811.
Hill, Paul *Automorphisms of countable primary abelian groups*, 135.
Hochester, M. *Rings of continuous functions and totally integrally closed rings*, 439.
Hodel, R. E. *A note on subparacompact spaces*, 842.
Holub, J. R. *Bases of type P and reflexivity of Banach spaces*, 357.
Hosack, John M. *The spectrum of a selfadjoint compression of a selfadjoint operator*, 83.
Huff, Robert E. *Common eigenvectors for commutative positive linear operators*, 51.
Huq, S. A. *An interpolation theorem for adjoint functors*, 880.
Isaacs, I. M. *Degrees of sums in a separable field extension*, 638.
Jain, Naresh C. and Kallianpur, G. *Norm convergent expansions for Gaussian processes in Banach spaces*, 890.
Jain, S. K. See Bhattacharya, P. B.
Jenkins, Joe W. *Amenable subsemigroups of a locally compact group*, 766.
Jockusch, Carl G., Jr. and Soare, Robert I. *Minimal covers and arithmetical sets*, 856.
Johnson, Gordon G. *A crinkled arc*, 375.
Johnson, Roy A. *Atomic and nonatomic measures*, 650.
Johnson, R. E. See Beauregard, R. A.
Kallianpur, G. See Jain, Naresh, C.
Kato, Tosio. *A characterization of holomorphic semigroups*, 495.
Kaufman, Robert. *Representation of linear sets as critical sets*, 884.
Kenelly, John W. See Hare, W. R., Jr.
Kiernan, Peter. *Some results concerning hyperbolic manifolds*, 588.
Kirk, W. A. *Remarks on pseudo-contractive mappings*, 820.
Klein, Abraham A. *Three sets of conditions on rings*, 393.
Kleitman, D. and Rothschild, B. *The number of finite topologies*, 276.
Koh, Kwangil. *On almost maximal right ideals*, 266.
Koh, Kwangil and Luh, Jiang. *On a finite dimensional quasi-simple module*, 801.
Kohls, Carl W. *Representation of abelian groups and rings by families of real-valued functions*, 86.

———. *Extensions of a ring by a ring with a bimodule structure*, 846.
Kreith, Kurt. *A comparison theorem for conjugate points of general selfadjoint differential equations*, 656.
Ku, Hsu-Tung and Ku, Mei-Chin. *Free differentiable actions of S^1 and S^3 on homotopy spheres*, 864.
Ku, Mei-Chin. See Ku, Hsu-Tung.
Kunz, Ernst. *The value-semigroup of a one-dimensional Gorenstein ring*, 748.
Laursen, Kjeld B. *Symmetry of generalized group algebras*, 318.
———. *Maximal two-sided ideals in tensor products of Banach algebras*, 475.
Leavitt, W. G. *Errata to "Radical and semisimple classes with specified properties,"* 922.
Leitzel, James R. C. *Class number in constant extensions of elliptic function fields*, 183.
Lister, F. M. *Tame boundary sets of crumpled cubes in E^3*, 377.
Locke, Phil. *On the asymptotic behavior of linear systems*, 93.
Loynes, R. M. *An invariance principle for reversed martingales*, 56.
Luh, Kiang. See Koh, Kwangil.
Luther, Norman Y. *Locally compact spaces of measures*, 541.
McCharen, John D. See Anderson, R. D.
McCoy, R. A. See Fletcher, P.
Madell, Robert L. *Chains which are coset spaces of tl-groups*, 755.
Magnus, Arne. *The connection between P-fractions and associated fractions*, 676.
Manougian, Manoug N. *The Perron integral and existence and uniqueness theorems for a first order nonlinear differential equation*, 34.
Markley, Nelson G. *On the number of recurrent orbit closures*, 413.
May, Warren. *Unit groups of infinite abelian extensions*, 680.
Miller, Donald J. *The automorphism group of a product of graphs*, 24.
Miller, James. *Convex meromorphic mappings and related functions*, 220.
Miller, R. K. *Admissibility and nonlinear Volterra integral equations*, 65.
Mills, W. H. *The degrees of the factors of certain polynomials over finite fields*, 860.
Moore, T. O. See Hadlock, E. H.
Moran, D. A. *Approximating residual sets by strongly residual sets*, 752.
Mrówka, S. *Some strengthenings of the Ulam nonmeasurability condition*, 704
Nadler, Sam B., Jr. and Ward, L. E., Jr. *Concerning continuous selections*, 369.
Nassif, M. *On the transpose of simple sets of polynomials effective in Faber regions*, 209.
* Natzitz, Boaz. *A note on interpolation*, 918.
Neuberger, J. W. *Analyticity and quasi-analyticity for one-parameter semigroups*, 488.
Neubrunn, Tibor. *A note on quantum probability spaces*, 672.
Novinger, W. P. See Caveny, D. J.
O'Hara, P. J. *Divergence of interpolation polynomials in the complex domain*, 690.
O'Neil, Patrick Eugene. *Asymptotics in random (0, 1)-matrices*, 39.
Ono, Tamio. *A real analogue of the Gelfand-Neumark theorem*, 159.
Passman, D. S. *On the semisimplicity of twisted group algebras*, 161.
———. See Coleman, D. B.
Payne, Stanley E. *Generalized relative difference sets*, 46.
Pfaffenberger, William. *On the ideals of strictly singular and inessential operators*, 603.
* Pittman, C. R. *An elementary proof of the triod theorem*, 919.
* Platek, Richard A. *A note on the failure of the relativised enumeration theorem in recursive function theory*, 915.
* ———. *A note on the cardinality of the Medvedev lattice*, 917.
Plemmons, R. J. *Graphs associated with a group*, 273.

Pollard, Harry. See Darst, Richard.
Porter, Jack R. *Not all semiregular Urysohn-closed spaces are Katětov-Urysohn*, 518.
Priddy, Stewart B. *On the homotopy theory of simplicial Lie algebras*, 513.
Prosser, Reese T. *Note on metric dimension*, 763.
Reilly, Norman R. *The number of permutational products of two finite groups*, 507.
Reilly, Robert C. *Applications of stereographic projections to submanifolds in E^m and S^m*, 119.
Reis, Clive M. and Viswanathan, T. M. *A compactness property for prime ideals in Noetherian rings*, 353.
Rhoads, Donald. *Quasi-compact operators in topological linear spaces*, 261.
Richardson, G. D. *A class of uniform convergence structures*, 399.
———. *A Stone-Čech compactification for limit spaces*, 403.
Richen, Forrest. *Decomposition numbers of p-solvable groups*, 100.
Riddell, R. C. *A note on Palais' axioms for section functors*, 808.
Rogers, J. W., Jr. *On mapping indecomposable continua onto certain chainable indecomposable continua*, 449.
Rothschild, B. See Kleitman, D.
Ryder, Gerald H. and Wend, David V. V. *Oscillation of solutions of certain ordinary differential equations of nth order*, 463.
Schacher, Murray M. *Cyclotomic splitting fields*, 630.
* Schaeffer, David G. *An extension of Hartogs' theorem for domains whose boundary is not smooth*, 714.
Schelp, R. H. See Gudder, S. P.
Schmidt, H. J., Jr. *On normal complements of $\mathfrak{F}$-covering subgroups*, 457.
Schmidt, Wolfgang M. *Irregularities of distribution*. V, 608.
Segal, David M. *On the stable homotopy of quaternionic and complex projective spaces*, 838.
Shapiro, J. H. See Gregory, D. A.
Sikkema, Carl D. *A duality between spheres and spheres with arcs*, 781.
Sinclair, A. M. *Jordan automorphisms on a semisimple Banach algebra*, 526.
Singh, S. R. *On the absolute Nörlund summability factors of infinite series*, 684.
Slover, R. See Fletcher, P.
Soare, Robert I. See Jockusch, Carl G., Jr.
Staudte, Robert G., Jr. and Tata, Mahabanoo N. *Complex roots of real characteristic functions*, 238.
Stein, F. M. See Henry, M. S.
Steiner, A. K. and Steiner, E. F. *Graph closures and metric compactifications of N*, 593.
Steiner, E. F. See Steiner, A. K.
Stitzinger, Ernest L. *A nonembedding theorem for finite groups*, 124.
Stone, A. H. See Erdös, P.
Strait, Peggy Tang. *A flat integral for functionals defined on sample paths of a Brownian process with the parameter in N-dimensional space*, 21.
Stratton, H. H. See Brown, H. I.
Sundaresan, K. *Errata to "Extreme points of the unit cell in Lebesgue-Bochner function spaces. I^p"*, 922.
Sutton, W. G. See George, J. H.
Tata, Mahabanoo, N. See Staudte, Robert G., Jr.
Thomason, S. K. *A proof of Whitman's representation theorem for finite lattices*, 618.
Tomiuk, B. J. and Wong, Pak-Ken. *The Arens product and duality in B^*-algebras*, 529.

Torrance, Ellen. *Maximal C* sub-algebras of a Banach algebra*, 622.
Trotter, William T. Jr. *Characterization of the finite partition property for a collection of universal subcontinua*, 760.
Tse, K. F. *An analog of the Lusin-Privaloff radial uniqueness theorem*, 310.
Van de Water, Arthur. *A property of torsion-free modules over left Ore domains*, 199.
Vasconcelos, Wolmer V. *Injective endomorphisms of finitely generated modules*, 900.
Vidossich, Giovanni. *Uniform spaces of countable type*, 551.
Viswanathan, T. M. See Reis, Clive M.
* Wallach, N. R. and Warner, F. W. *Curvature forms for 2-manifolds*, 712.
Ward, L. E., Jr. See Nadler, Sam B., Jr.
Warfield, R. B., Jr. *Decomposability of finitely presented modules*, 167.
* Warner, F. W. See Wallach, N. R.
Waterman, Alan G. *The normal completions of certain partially ordered vector spaces*, 141.
Wayment, S. G. See Cannon, J. W.
Webb, William A. *On* $4/n=1/x+1/y+1/z$, 578.
Weissglass, Julian. *Regularity of semigroup rings*, 499.
Wend, David V. V. See Ryder, Gerald H.
Whitman, David G. *On the multiplicity of an integral extension of a local ring*, 145.
Wicke, H. H. See Worrell, J. M., Jr.
Willig, Paul. *Properties* Γ *and* L *for type* II_1 *factors*, 836.
* Winter, David L. *Finite linear groups containing an irreducible solvable normal subgroup*, 716.
Wolfe, Peter. *On the inverse of an integral operator*, 443.
Wong, Pak-Ken. See Tomiuk, B. J.
Wong, Raymond Y. T. *Extending homeomorphisms in compactification of Fréchet spaces*, 548.
Wood, B. *On l-l summability*, 433.
Wood, Geoffrey V. *A note on isomorphisms of group algebras*, 771.
Worrell, J. M. and Wicke, H. H. *Extension of a result of Dieudonné*, 634.
Yamashita, S. *Errata to "A remark on Neuwirth and Newman's paper 'Positive* $H^{1/2}$ *functions are constants'."* 462.
Yeh, J. *Minimal coefficients in Hölder conditions in the Wiener space*, 385.
Young, W. L. *A product space with the fixed point property*, 313.
Zaidman, S. *Some asymptotic theorems for abstract differential equations*, 521.
Zaks, A. See Evyatar, A.
Zeitlin, David. *A new class of generating functions for hypergeometric polynomials*, 405